



Application No. 09/939,695
Attorney's Docket No. 003300-823
Page 1 of 1

Attachment to Second Preliminary Amendment dated December 21, 2001

Abstract of the Disclosure

The invention relates to a liquid crystal device, comprising an antiferroelectric liquid crystal material (AFLC material) having smectic layers, and two substrates confining said AFLC material therebetween, wherein said AFLC material is uniaxial negative. Preferably, the AFLC material is uniaxial as a consequence of a surface stabilization and of a selected smectic tilt angle θ of said AFLC material. Preferably, said angle θ is in the range of $40^\circ \leq \theta \leq 50^\circ$, especially 45° . The invention also relates to electrooptic liquid crystal devices.

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